

SiwoPUD[®]- MATT-1907

Characteristics: Inherent matt, aliphatic polyurethane dispersion based on polycarbonate.

Supplied as: 32% in water

Physical characteristics:	Appearance	Milky white
	Non-volatile constituent	32 ±1 %
	PH value	7.0 - 9.5
	Viscosity(mPa s)	1000-2500
	NMP, NEP, DMAC, etc.	Free
	Gloss at 60 °	Approximately 0.5
	Elongation	500-600%
	Tensile strength	17.7Mpa
	Elasticity modulus (100%)	2.4Mpa
	Yellowing resistance	Non- yellowing

Storage: The dispersion should be stored in a frost-free place in tightly sealed containers and 5-38°C temperature conditions.. It contains no preservative.

Application: Its coating film provides soft touch and low gloss. Gloss levels down to approximately 0.5 at 60° can be achieved. It has good matting performance and exhibits light fastness, abrasion resistance and hydrolysis resistance. It has excellent adhesion and high physical properties. It can be added nitrogen pyridine crosslinker and water-dispersible polyisocyanate crosslinker to further improve the chemical resistance. Recommend for paper, synthetic leather, plastic and rubber coatings etc.

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